Department of Toxic Substances Control

Matthew Rodriquez
Secretary for
Environmental Protection

Barbara A. Lee, Director
5796 Corporate Avenue
Cypress, California 90630

Edmund G. Brown Jr.
Governor

May 11, 2018

Resident
Ex. 6 Personal Privacy (PP)

SUBJECT: ADDITIONAL SOIL SAMPLING AT Ex. 6 Personal Privacy (PP)

Dear Owner/Resident:

Thank you for participating in the California Department of Toxic Substances Control (DTSC) sampling program for the neighborhood surrounding the Riverside Agricultural Park site (Ag Park), in Riverside, California. With your permission, DTSC collected additional soil samples at your property on March 6 and 7, 2018, and analyzed them in our laboratory for the presence of chemicals known as polychlorinated biphenyls (PCBs). Please note that the additional sampling was warranted based on the initial soil sampling results and evaluation presented to you in the DTSC letter dated December 8, 2017 which is attached.

DTSC collected 57 soil samples from your backyard (50 samples from the surface, 5 duplicate samples for Quality Assurance/Quality Control, and 2 samples from 2.5 feet deep below ground surface). The sampling results are attached. While the levels detected do not pose an imminent health threat, they were detected above the cleanup goals set for the neighboring Riverside Agricultural Park site. Although the levels detected were only slightly above the cleanup goals, as a precautionary measure, DTSC has contacted the City of Riverside (City) to initiate removal of the soil containing PCBs in your backyard, if you so wish. The City will be contacting you regarding soil removal activities, and DTSC will be monitoring any soil removal activities.

The attached Soil Sampling Report provides additional information regarding the data that was collected at your property. Should you have any questions, please contact me at (714) 484-5459 ([HYPERLINK "mailto:peter.garcia@dtsc.ca.gov"]) or Mr. Amit Pathak, Senior Hazardous Substances Engineer and Project Manager, at (714) 484-5468.

Sincerely,

Peter A. Garcia
Branch Chief
Brownfields Restoration and School Evaluation Branch

Brownfields & Environmental Restoration Program

Enclosure: - Soil Sampling Report
- DTSC Letter December 8, 2017

cc: Moises A. Lopez, Intergovernmental Relations Officer (via email)
City Manager's Office
[HYPERLINK "mailto:mlopez@riversideca.gov"]

SOIL SAMPLING REPORT

[Ex. 6 Personal Privacy (PP)

Introduction:

In response to community concerns, DTSC conducted soil sampling in the neighborhood near the Riverside Agricultural Park (Ag Park). DTSC shared a Draft Sampling Plan with the community and released it for a 30-day public comment period. After consideration of all comments, DTSC finalized the Sampling Plan and began the neighborhood soil sampling in July 2017. The purpose of the sampling was to collect soil data to determine if chemicals known as Polychlorinated Biphenyls (PCBs) may have migrated to the neighborhood from the Ag Park via windblown dust and, if so, if they present a potential health risk.

DTSC sampled 27 properties, including two properties owned by the City of Riverside (Rutland Park and a right-of-way bordering Ag Park on the west), where the public has access to. DTSC prepared a report for each property where sampling was conducted. DTSC has shared the sampling results with the City of Riverside (for City's properties) and with each resident (for their own property) whose property was sampled. This report presents the findings of DTSC's additional soil sampling on your property.

Why did DTSC Sample my Yard?

At DTSC's request, the California Air Resources Board (CARB) conducted a scientific study (Air Dispersion Modeling) to predict where PCBs could be found in the neighborhood if they were windblown from the Ag Park in the form of dust. Based on the results of the CARB air dispersion modeling analysis and additional input from the Ag Park Neighborhood Work Group, California Department of Public Health, CARB, and the City, DTSC selected your property and another two dozen residential properties and two additional properties owned by the City of Riverside adjacent to Ag Park for sampling. Your property was identified as one which may have a higher likelihood of dust from the Ag Park being blown towards your property based on wind data.

What are PCBs?

PCBs belong to a broad family of man-made organic chemicals known as chlorinated hydrocarbons. PCBs were domestically manufactured from 1929 until manufacturing was banned in 1979. PCBs vary in consistency from thin, light-colored liquids to yellow or black waxy solids. Due to their chemical properties, PCBs were commonly used in hundreds of industrial and commercial applications.

PCBs can cause short-term and long-term health effects. For more information about PCBs, including health effects, please go to [HYPERLINK "https://www.epa.gov/pcbs/learn-about-polychlorinated-biphenyls-pcbs#healtheffects"].

How Were Soil Samples Collected and Analyzed?

Soil samples were collected on your property within six (6) inches of the ground surface from 50 locations (plus 5 duplicate samples for Quality Assurance/Quality Control) to evaluate dust deposits. Single use, individually wrapped and sealed scoops were used to collect the samples that were then transferred to laboratory certified glass containers. At two locations, deeper soil samples (up to 2.5 feet below ground surface) were obtained using a manual hand-auger to bore down to the targeted depth.

All samples were analyzed for PCBs (various family compounds of PCBs or Aroclors) by DTSC's Environmental Chemistry Laboratory (ECL) using US EPA approved analytical methods.

What Were the Results from the Laboratory and what do they Mean?

The sampling results at your property found that Polychlorinated biphenyls (PCBs) ranged from Non-Detect to a maximum concentration of 2.79 milligrams per kilogram (mg/kg). Please see attached sampling location map and results table. While the levels detected do not pose an imminent health threat, they were detected above the cleanup goals set for the neighboring Riverside Agricultural Park site. Although the levels detected were only slightly above the cleanup goals, as a precautionary measure, DTSC has contacted the City of Riverside (City) to initiate removal of the soil containing PCBs in your backyard, if you so wish.

What Happens Next?

On April 27, 2018DTSC met with you to discuss the results, answer any questions you may have, and to provide a point of contact. The City contact for soil removal activities is Mr. Moises A. Lopez, Intergovernmental Relations Officer, City of Riverside at 951-826-5752. Your contact information has been provided to the City, and they should be in contact with you soon.

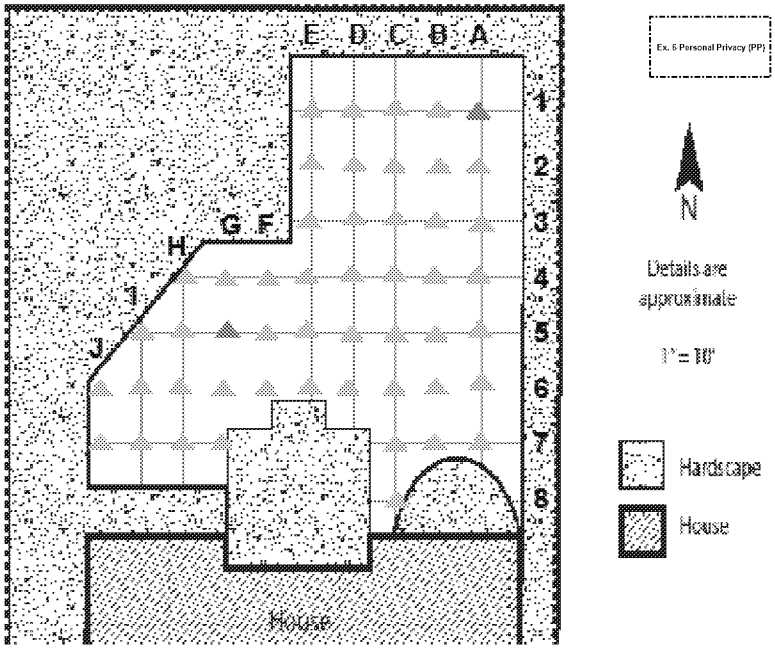
Who Can I Call for More Information?

Should you have any questions, please contact Amit Pathak, DTSC Project Manager, at (714) 484-5468 or at [HYPERLINK "mailto:amit.pathak@dtsc.ca.gov"]. You may also contact Mr. Moises A. Lopez, Intergovernmental Relations Officer, City of Riverside at 951-826-5752.

ADDITIONAL SAMPLING FOR Ex. 6 Personal Privacy (PP)

Sampling Locations at Surface

Sampling Locations at Surface and 2.5 Feet



Soil Sample Results

Ex. 6 Personal Privacy (PP)

Page [PAGE * MERGEFORMAT]

Ex. 6 Personal Privacy (PP) {Lab Report Order}

Riverside Ag Off-Site

DRAFT 04-12-2018

No.	Sample ID	Sample Depth	Sample Location	Sample Date	Units	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
1		Surface	RN14	3/6/2018	mg/kg	ND<0 0538	ND<0.0538	ND<0 0538	ND<0.0538	**0.433**	ND<0.0538	ND<0.0538	ND<0.0538	ND<0.0538	**0.433**
2		Surface	RN14	3/6/2018	mg/kg	ND<0.0533	ND<0.0533	ND<0.0533	ND<0.0533	**0.567**	ND<0.0533	ND<0.0533	ND<0.0533	ND<0.0533	**0.567**
3		Surface	RN14	3/6/2018	mg/kg	ND<0.219	ND<0 219	ND<0.219	ND<0 219	**1.360**	ND<0.219	ND<0.219	ND<0.219	ND<0.219	**1.360**
4		Surface	RN14	3/6/2018	mg/kg	ND<0.215	ND<0.215	ND<0.215	ND<0.215	**1.760**	ND<0.215	ND<0.215	ND<0.215	ND<0.215	**1.760**
5		Surface	RN14	3/6/2018	mg/kg	ND<0 226	ND<0.226	ND<0.226	ND<0.226	**1.540**	ND<0.226	ND<0.226	ND<0 226	ND<0.226	**1.540**
6		Surface	RN14	3/6/2018	mg/kg	ND<0.229	ND<0.229	ND<0.229	ND<0.229	**2.020**	ND<0.229	ND<0.229	ND<0.229	ND<0.229	**2.020**
7		Surface	RN14	3/6/2018	mg/kg	ND<0.239	ND<0.239	ND<0.239	ND<0.239	**1.860**	ND<0.239	ND<0.239	ND<0.239	ND<0 239	**1.860**
8		Surface	RN14	3/6/2018	mg/kg	ND<0.230	ND<0.230	ND<0.230	ND<0.230	**1.830**	ND<0.230	ND<0.230	ND<0.230	ND<0.230	**1.830**
9		Surface	RN14	3/6/2018	mg/kg	ND<0 218	ND<0.218	ND<0 218	ND<0.218	**2.790**	ND<0.218	ND<0.218	ND<0.218	ND<0.218	**2.790**
10		Surface	RN14	3/6/2018	mg/kg	ND<0.213	ND<0.213	ND<0.213	ND<0.213	**1.970**	ND<0.213	ND<0.213	ND<0.213	ND<0.213	**1.970**
11		Surface	RN14	3/6/2018	mg/kg	ND<0.211	ND<0 211	ND<0.211	ND<0 211	**2.090**	ND<0.211	ND<0.211	ND<0.211	ND<0.211	**2.090**
12		Surface	RN14	3/6/2018	mg/kg	ND<0.208	ND<0.208	ND<0.208	ND<0.208	**1.700**	ND<0.208	ND<0.208	ND<0.208	ND<0.208	**1.700**
13		Surface	RN14	3/6/2018	mg/kg	ND<0 238	ND<0.238	ND<0 238	ND<0.238	**1.500**	ND<0.238	ND<0.238	ND<0.238	ND<0.238	**1.500**
14	RN14-A3-SS}	Surface	RN14	3/6/2018	mg/kg	ND<0.236	ND<0 236	ND<0.236	ND<0 236	**1.450**	ND<0.236	ND<0.236	ND<0.236	ND<0.236	**1.450**
15	Ex. 6 Personal Privacy (PP)	Surface	RN14	3/6/2018	mg/kg	ND<0.218	ND<0.218	ND<0.218	ND<0.218	**2.130**	ND<0.218	ND<0.218	ND<0.218	ND<0.218	**2.130**
16		Surface	RN14	3/6/2018	mg/kg	ND<0.0609	ND<0.0609	ND<0 0609	ND<0.0609	ND<0.0609	ND<0.0609	ND<0.0609	ND<0.0609	ND<0.0609	ND
17		Surface	RN14	3/6/2018	mg/kg	ND<0.0568	ND<0.0568	ND<0.0568	ND<0.0568	0.078	ND<0.0568	ND<0.0568	ND<0.0568	ND<0.0568	0.078
18		Surface	RN14	3/6/2018	mg/kg	ND<0.0539	ND<0.0539	ND<0.0539	ND<0.0539	0.082	ND<0.0539	ND<0.0539	ND<0.0539	ND<0 0539	0.082
19		Surface	RN14	3/6/2018	mg/kg	ND<0.0611	ND<0.0611	ND<0.0611	ND<0.0611	0.131	ND<0.0611	ND<0.0611	ND<0.0611	ND<0.0611	0.131
20		Surface	RN14	3/6/2018	mg/kg	ND<0 0602	ND<0.0602	ND<0.0602	ND<0.0602	0.100	ND<0.0602	ND<0.0602	ND<0.0602	ND<0.0602	0.100
21		Surface	RN14	3/6/2018	mg/kg	ND<0.0554	ND<0.0554	ND<0.0554	ND<0.0554	0.107	ND<0.0554	ND<0.0554	ND<0.0554	ND<0.0554	0.107
22		Surface	RN14	3/6/2018	mg/kg	ND<0.0578	ND<0.0578	ND<0.0578	ND<0.0578	0.126	ND<0.0578	ND<0.0578	ND<0.0578	ND<0 0578	0 126
23		Surface	RN14	3/6/2018	mg/kg	ND<0.0571	ND<0.0571	ND<0.0571	ND<0.0571	0.081	ND<0.0571	ND<0.0571	ND<0.0571	ND<0.0571	0.081
24		Surface	RN14	3/6/2018	mg/kg	ND<0 0537	ND<0.0537	ND<0 0537	ND<0.0537	0 210	ND<0.0537	ND<0.0537	ND<0.0537	ND<0.0537	0.210
25		Surface	RN14	3/6/2018	mg/kg	ND<0.0581	ND<0.0581	ND<0.0581	ND<0.0581	**0.257**	ND<0.0581	ND<0.0581	ND<0.0581	ND<0.0581	**0.257**
26		Surface	RN14	3/6/2018	mg/kg	ND<0.0554	ND<0 0554	ND<0.0554	ND<0 0554	**0.336**	ND<0.0554	ND<0.0554	ND<0.0554	ND<0.0554	**0.336**
27		Surface	RN14	3/6/2018	mg/kg	ND<0.0567	ND<0.0567	ND<0.0567	ND<0.0567	**0.306**	ND<0.0567	ND<0.0567	ND<0.0567	ND<0.0567	**0.306**
28		Surface	RN14	3/6/2018	mg/kg	ND<0 0558	ND<0.0558	ND<0.0558	ND<0.0558	**0.330**	ND<0 0558	ND<0.0558	ND<0 0558	ND<0.0558	**0.330**
29		Surface	RN14	3/6/2018	mg/kg	ND<0.215	ND<0.215	ND<0.215	ND<0.215	**1.390**	ND<0.215	ND<0.215	ND<0.215	ND<0.215	**1.390**
30		Surface	RN14	3/6/2018	mg/kg	ND<0.219	ND<0.219	ND<0.219	ND<0.219	**1.240**	ND<0.219	ND<0.219	ND<0.219	ND<0.219	**1.240**
31	{Duplicate of RN14-B3-SS}	Surface	RN14	3/6/2018	mg/kg	ND<0.218	ND<0.218	ND<0.218	ND<0.218	**2.050**	ND<0.218	ND<0.218	ND<0.218	ND<0.218	**2.050**
32	RN14-C3-SS	Surface	RN14	3/6/2018	mg/kg	ND<0.231	ND<0 231	ND<0.231	ND<0 231	**2.080**	ND<0.231	ND<0.231	ND<0.231	ND<0.231	**2.080**
33	RN14-C33-SS {Duplicate of RN14-C3-SS}	Surface	RN14	3/6/2018	mg/kg	ND<0 229	ND<0.229	ND<0 229	ND<0.229	**2.000**	ND<0.229	ND<0.229	ND<0.229	ND<0.229	**2.000**
34	RN14-D1-SS	Surface	RN14	3/6/2018	mg/kg	ND<0.208	ND<0.208	ND<0.208	ND<0.208	**1.800**	ND<0.208	ND<0.208	ND<0.208	ND<0.208	**1.800**
35	RN14-E1-SS	Surface	RN14	3/6/2018	mg/kg	ND<0.235	ND<0 235	ND<0.235	ND<0 235	**1.310**	ND<0.235	ND<0.235	ND<0.235	ND<0.235	**1.310**
36	RN14-E2-SS	Surface	RN14	3/6/2018	mg/kg	ND<0.225	ND<0.225	ND<0.225	ND<0.225	**1.790**	ND<0.225	ND<0.225	ND<0.225	ND<0.225	**1.790**

Soil Sample Results

Ex. 6 Personal Privacy (PP)

Ex. 6 Personal Privacy (PP) p Report Order)

Riverside Ag Off-Site

DRAFT 04-12-2018

No.	Sample ID	Sample Depth	Sample Location	Sample Date	Units	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	Total PCBs
37	R	Surface	RN14	3/6/2018	mg/kg	ND<0.238	ND<0.238	ND<0.238	ND<0.238	**1.700**	ND<0.238	ND<0.238	ND<0.238	ND<0.238	**1.700**
38	R	Surface	RN14	3/6/2018	mg/kg	ND<0.208	ND<0.208	ND<0.208	ND<0.208	**1.590**	ND<0.208	ND<0.208	ND<0.208	ND<0.208	**1.590**
39	R	Surface	RN14	3/6/2018	mg/kg	ND<0.222	ND<0.222	ND<0.222	ND<0.222	**2.430**	ND<0.222	ND<0.222	ND<0.222	ND<0.222	**2.430**
40	R	Surface	RN14	3/6/2018	mg/kg	ND<0.222	ND<0.222	ND<0.222	ND<0.222	**1.880**	ND<0.222	ND<0.222	ND<0.222	ND<0.222	**1.880**
41	R	Surface	RN14	3/6/2018	mg/kg	ND<0.223	ND<0.223	ND<0.223	ND<0.223	**1.930**	ND<0.223	ND<0.223	ND<0.223	ND<0.223	**1.930**
42	R (N14-D3-SS]	Surface	RN14	3/6/2018	mg/kg	ND<0.223	ND<0.223	ND<0.223	ND<0.223	**1.890**	ND<0.223	ND<0.223	ND<0.223	ND<0.223	**1.890**
43	R	Surface	RN14	3/6/2018	mg/kg	ND<0.227	ND<0.227	ND<0.227	ND<0.227	**1.680**	ND<0.227	ND<0.227	ND<0.227	ND<0.227	**1.680**
44	R (N14-E3-SS)	Surface	RN14	3/6/2018	mg/kg	ND<0.226	ND<0.226	ND<0.226	ND<0.226	**1.750**	ND<0.226	ND<0.226	ND<0.226	ND<0.226	**1.750**
45	R	Surface	RN14	3/6/2018	mg/kg	ND<0.106	ND<0.106	ND<0.106	ND<0.106	**0.848**	ND<0.106	ND<0.106	ND<0.106	ND<0.106	**0.848**
46	R	Surface	RN14	3/6/2018	mg/kg	ND<0.225	ND<0.225	ND<0.225	ND<0.225	**1.810**	ND<0.225	ND<0.225	ND<0.225	ND<0.225	**1.810**
47	R	Surface	RN14	3/6/2018	mg/kg	ND<0.236	ND<0.236	ND<0.236	ND<0.236	**1.970**	ND<0.236	ND<0.236	ND<0.236	ND<0.236	**1.970**
48	R	Surface	RN14	3/6/2018	mg/kg	ND<0.232	ND<0.232	ND<0.232	ND<0.232	**1.600**	ND<0.232	ND<0.232	ND<0.232	ND<0.232	**1.600**
49	R	Surface	RN14	3/6/2018	mg/kg	ND<0.221	ND<0.221	ND<0.221	ND<0.221	**2.080**	ND<0.221	ND<0.221	ND<0.221	ND<0.221	**2.080**
50	R	Surface	RN14	3/6/2018	mg/kg	ND<0.225	ND<0.225	ND<0.225	ND<0.225	**1.770**	ND<0.225	ND<0.225	ND<0.225	ND<0.225	**1.770**
51	R	2.5 feet	RN14	3/7/2018	mg/kg	ND<0.0525	ND<0.0525	ND<0.0525	ND<0.0525	ND<0.0525	ND<0.0525	ND<0.0525	ND<0.0525	ND<0.0525	ND
52	R	Surface	RN14	3/7/2018	mg/kg	ND<0.236	ND<0.236	ND<0.236	ND<0.236	**1.700**	ND<0.236	ND<0.236	ND<0.236	ND<0.236	**1.700**
53	R	Surface	RN14	3/7/2018	mg/kg	ND<0.217	ND<0.217	ND<0.217	ND<0.217	**2.320**	ND<0.217	ND<0.217	ND<0.217	ND<0.217	**2.320**
54	R	Surface	RN14	3/7/2018	mg/kg	ND<0.218	ND<0.218	ND<0.218	ND<0.218	**2.130**	ND<0.218	ND<0.218	ND<0.218	ND<0.218	**2.130**
55	R	Surface	RN14	3/7/2018	mg/kg	ND<0.218	ND<0.218	ND<0.218	ND<0.218	**2.200**	ND<0.218	ND<0.218	ND<0.218	ND<0.218	**2.220**
56	R	Surface	RN14	3/7/2018	mg/kg	ND<0.215	ND<0.215	ND<0.215	ND<0.215	**2.160**	ND<0.215	ND<0.215	ND<0.215	ND<0.215	**2.160**
57	R	2.5 feet	RN14	3/7/2018	mg/kg	ND<0.0533	ND<0.0533	ND<0.0533	ND<0.0533	**0.181**	ND<0.0533	ND<0.0533	ND<0.0533	ND<0.0533	**0.181**
58	R		RN14	3/19/2018	mg/l	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Ex. 6 Personal Privacy (PP)

Bold values are detections exceed the screening value of 0.22 mg/kg.

Red value is maximum concentration detected.

EB - Equipment Blank - Quality Conttrol Sample